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**Appendix C**  
**Construction Inspection Report**  
**North Plant Transmission Pipeline**  
**Change Order Request Log**

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# CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

## BOARD OF WATER COMMISSIONERS

President  
HAROLD W. WILLIS

Commissioners  
B. WARREN COCKE  
ALTON L. GARRETT, JR.  
JUDY L. REDEKER  
JAMES H. URATA



BERNARD C. KERSEY  
General Manager

JOSEPH F. STEJSKAL  
Director: Engineering  
Construction-Maintenance

JOHN A. PERRY, P.E.  
Director: Water Reclamation

PAUL E. HARMON  
Director of Finance

MARJORIE A. HOVERLAND  
Director of  
Administrative Services

JON K. TURNIPSEED  
Safety Program Manager

October 23, 1996

Mr. John Wiles  
Secretary/General Manager  
El-Co Contractors, Inc.  
1995 Nolan Street  
San Bernardino, CA 92405

RECEIVED  
ENGINEERING

OCT 24 1996

Reference: CHANGE ORDER NO. 1 TO CONTRACT NO. 1264

CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPT.

Dear Mr. Wiles:

Enclosed please find one fully executed copy of Change Order No. 1 to Contract No. 1264, which will extend the contract period by two days and increase the contract amount by \$5,500.00.

Sincerely,

  
Paul E. Harmon  
Director of Finance

als  
Enclosures

cc: Tom Valdez  
~~James Dye~~  
Kevin Mayer, USEPA  
Dwayne Duetscher, URS

# CHANGE ORDER NO. 1 TO CONTRACT NO. 1264

BY AND BETWEEN

BOARD OF WATER COMMISSIONERS  
CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT  
300 NORTH "D" STREET  
SAN BERNARDINO, CALIFORNIA

EL-CO CONTRACTORS, INC.  
1995 NOLAN STREET  
SAN BERNARDINO, CALIFORNIA

Contract 1264 is to furnish all labor, equipment, and materials required for the installation of a drain line, piping, and associated appurtenances for the Newmark Drinking Water Restoration Superfund Project, San Bernardino, California. All terms and conditions of Contract 1264 dated September 3, 1996 are to remain the same, except as follows:

Change Order No. 1 will extend the contract period by two additional days

Change Order No. 1 will raise or extend the connection point to three feet below grade at the 226 West 11th Street site and requires the following additional material and fittings:

Five 16" Mega lugs for DIP fittings  
Two 16" 45-degree DI bends (MJ)  
16" DIP as needed

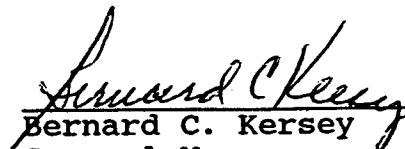
Original Contract Completion Date  
Revised Contract Completion Date


November 2, 1996  
November 4, 1996

Original Contract Amount	\$117,793.50
Net Change by Previous Change Orders	\$ 0.00
Contract Amount Prior to this Change Order	\$117,793.50
Net Increase due to this Change Order	\$ 5,500.00
Net Contract Amount, Including this Change Order	\$123,293.50

CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT

EL-CO CONTRACTORS, INC.

By:   
Bernard C. Kersey  
General Manager

By:   
John Wiles  
Secretary/General Manager

(SEAL)

(SEAL)

5771

# CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

BOARD OF WATER COMMISSIONERS

President  
HAROLD W. WILLIS

Commissioners  
B. WARREN COCKE  
ALTON L. GARRETT, JR.  
JUDY L. REDEKER  
JAMES H. URATA



BERNARD C. KERSEY  
General Manager  
JOSEPH F. STEJSKAL  
Director: Engineering  
Construction-Maintenance  
JOHN A. PERRY, P.E.  
Director: Water Reclamation  
PAUL E. HARMON  
Director of Finance  
MARJORIE A. HOVERLAND  
Director of  
Administrative Services  
ON K. TURNIPSEED  
Safety Program Manager

November 20, 1996

RECEIVED  
ENGINEERING

NOV 21 1996

Mr. John Wiles  
Secretary/General Manager  
El-Co Contractors, Inc.  
1995 Nolan Street  
San Bernardino, CA 92405

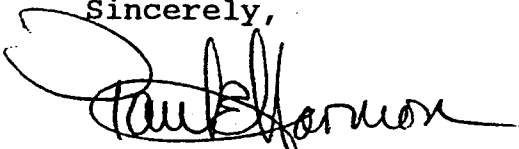
CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPT.

Reference: CHANGE ORDER NO. 2 AND NOTICE OF COMPLETION  
CONTRACT NO. 1264

Dear Mr. Wiles:

Enclosed please find one fully executed copy of Change Order No. 2 and a copy of the Notice of Completion to Contract No. 1264. Change Order No. 2 increases the contract amount by \$31,177.50 for a new contract price of \$154,471.00 with no additional time.

Sincerely,

  
Paul E. Harmon  
Director of Finance

als  
Enclosures

cc: Tom Valdez  
James Dye  
Kevin Mayer, USEPA  
Dwayne Duetscher, URS

## CONTRACT CHANGE ORDER NO. 2

CHANGE ORDER NO. 2

DATE: November 12, 1996

OWNER: City of San Bernardino  
Municipal Water Department

PROJECT: Installation of a drain line, piping, and associated  
appurtenances for the Newmark Drinking  
Water Restoration Superfund Project  
Specification No. 1264

CONTRACTOR: El-Co Contractors, Inc.

You are hereby requested to make the following described changes and/or additions to the project Plans and Specifications.

Item No.	Description of Changes and/or Additions	Decrease in Contract Price (Change in Contract Time)	Increase in Contract Price (Change in Contract Time)
1.	Addition cost of concrete paving removal from pipeline trench, 12,471 square feet at \$2.50 per square foot.		\$ 31,177.50 (0 days)
Totals:			<u>\$ 31,177.50</u> (0 days)

Original Contract Amount:	\$ 117,793.50
Net Change By Previous Change Orders:	\$ 5,500.00
Contract Amount Prior to This Change Order:	\$ 123,293.50
Net Increase Due To This Change Order:	\$ 31,177.50
Net Contract Amount, Including This Change Order:	\$ 154,471.00

The additional work contained with this Change Order can be performed incidental to the prime work and any Change Order work issued to date and is able to be completed concurrently with remaining work to be performed under the items of the Contract, without interference or delay to the Contractor. The work required by the Change Order can be completed within the time allotted for the original Contract plus the extensions to the Contract time made by this and any previously issued Change Orders.

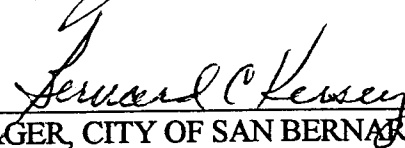
The amounts indicated above shall be compensation in full for the work described including all direct and indirect, incidental or consequential costs or expenses, including but not limited to, extended overhead and other impact costs, that have been or will be incurred by the Contractor.

EL-CO Contractors, Inc.  
Change Order No. 2  
-----

The total Contract performance time has been increased by two (2) Calendar Days by Change Order No. 1. The Contract completion date is November 4, 1996.

ACCEPTED BY:  DATE: 11/13/96  
EL-CO CONTRACTORS, INC.

RECOMMENDED BY:  DATE: 11/13/96  
REPRESENTATIVE, CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

APPROVED BY:  DATE: 11-17-96  
GENERAL MANAGER, CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

RECORDING REQUESTED BY

Recorded in Official Records, County of  
San Bernardino, Errol J. ckzum, Recorder

No Fee

Doc No. 19960432581  
11:40am 11/21/96

AND WHEN RECORDED MAIL TO:

205 40036836 01 06

NAME Mr. Paul Harmon  
STREET ADDRESS Director of Finance  
CITY, STATE & ZIP CODE City of San Bernardino  
Municipal Water Department  
300 North D Street  
San Bernardino, CA 92418

1	2	3	4	5	6	7	8	9	0
PG	FEE	APF	GIMS	PH CPY	CRT CPY	ADD NM	PEN PR	PCOR	
1	0								
			5				6	9	
NON ST	LN	SVY	CIT-CO	TRANS TAX	DA	CHRG	EXAM		

## NOTICE OF COMPLETION

Notice pursuant to Civil Code Section 3093, must be filed within 10 days after completion. (See reverse side for Complete requirements.)

Notice is hereby given that:

1. The undersigned is owner or corporate officer of the owner of the interest or estate stated below in the property hereinafter described:
2. The full name of the owner is City of San Bernardino Municipal Water Department
3. The full address of the owner is 300 North D Street, San Bernardino, CA 92418
4. The nature of the interest or estate of the owner is: In fee.

(IF OTHER THAN FEE, STRIKE "IN FEE" AND INSERT, FOR EXAMPLE, "PURCHASER UNDER CONTRACT OF PURCHASE," OR "LESSEE")

5. The full names and full addresses of all persons, if any, who hold title with the undersigned as joint tenants or as tenants in common are:

NAMES

ADDRESSES

6. The full names and full addresses of the predecessors in interest of the undersigned, if the property was transferred subsequent to the commencement of the work or improvements herein referred to:

NAMES

ADDRESSES

7. A work of improvement on the property hereinafter described was completed on October 9, 1996. The work done was:  
Installation of a drain line, piping and appurtenances for the Newmark Drinking Water

8. The name of the contractor, if any, for such work of improvement was Restoration Superfund Proj

El-Co Contractors, Inc.

September 3, 1996

(IF NO CONTRACTOR FOR WORK OF IMPROVEMENT AS A WHOLE, INSERT "NONE")

(DATE OF CONTRACT)

9. The property on which said work of improvement was completed is in the City of San Bernardino,  
County of San Bernardino, State of CA, and is described as follows: 11th Street from Mt. View to Sierra Way  
and Sierra Way from 11th Street to 9th Street.

10. The street address of said property is None

(IF NO STREET ADDRESS HAS BEEN OFFICIALLY ASSIGNED, INSERT "NONE")

Dated: November 19, 1996

Bernard C. Kersey  
(SIGNATURE OF OWNER OR CORPORATE OFFICER OF OWNER NAMED IN PARAGRAPH 2 OR HIS AGENT)  
Bernard C. Kersey, General Manager  
City of San Bernardino Municipal Water Department

### VERIFICATION

I, the undersigned, say: I am the General Manager the declarant of the foregoing notice of completion;

("PRESIDENT OF", "MANAGER OF", "PARTNER OF", "OWNER OF", ETC.)

I have read said notice of completion and know the contents thereof; the same is true of my own knowledge. I declare under penalty of perjury that the foregoing is true and correct.

Executed on November 19, 96, at San Bernardino, CA.  
(CITY) (STATE)

Bernard C. Kersey  
(PERSONAL SIGNATURE OF THE INDIVIDUAL WHO IS SWEARING THAT THE CONTENTS OF THE NOTICE OF COMPLETION ARE TRUE.)  
Bernard C. Kersey, General Manager

WOLCOTTS FORM 1114 - Rev. 8-94 (price class 3A) City of San Bernardino Municipal Water Dept.

NOTICE OF COMPLETION

©1994 WOLCOTTS FORMS, INC.

(See reverse side for additional information)



**CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT  
INTEROFFICE MEMORANDUM**

**RECEIVED**  
ENGINEERING

1996

CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPT.

**TO:** Bernard C. Kersey, General Manager

**FROM:** Paul E. Harmon, Director of Finance

**SUBJECT:** Extra Work - Specification 1264 - Installation of Drain Line - El-Co Contractors, Inc.

**DATE:** October 3, 1996

**COPIES:** Joe Stejskal, Director of Engineering, Operations & Distribution; Neil Thomsen, Accounting Supervisor; April Sanchez

*James Dye*

I have attached a letter from James Dye, Senior Engineer, requesting a price to raise or extend the connection point to three feet below grade at the 226 West 11th Street site. If left at the existing depth, it would require the rental of special equipment in order to make the connection.

The extra work would also require additional material and fittings from the Department. The material is:

- 5 - 16" Mega lugs for DIP fittings
- 2 - 16" 45 degree DI bends (MJ)
- 16" DIP as needed.

El-Co Contractors has responded with a quote of \$5,500.00 and a two (2) day contract extension to perform the extra work requested. James Dye has reviewed the proposal and concurs with the time extension. Approval of this extra work is requested in order to complete the installation.

Policy 51.020 - Modifications to Professional Services and Competitively Bid Contracts, authorizes the General Manager to approve modifications up to \$25,000 or 25% to contracts with a value between \$50,000 and \$250,000. The contract with El-Co Contractors is for \$117,793.50. The \$5,500.00 in extra work represents 4.67% of the contract and is well under the \$25,000.00 allowable under this policy. A staff report to the Board is required each month to update the Board on any contract change orders authorized by the General Manager that fall within the scope of the authorizing policy.

**RECOMMENDATION:**

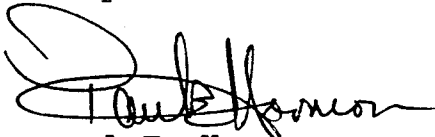


Subject: CHANGE ORDER NO 1. SPECIFICATION 1264  
October 3, 1996  
Page 2

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Staff recommends approval of the change order for extra work in the amount of \$5,500.00 with a two day time extension to the contract for raising and extending the connection point to three feet below grade. Change Order No. 1 is attached for your approval.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Paul E. Harmon", is written over a horizontal line.

Paul E. Harmon  
Director of Finance

# CHANGE ORDER NO. 1 TO CONTRACT NO. 1264

BY AND BETWEEN

BOARD OF WATER COMMISSIONERS  
CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT  
300 NORTH "D" STREET  
SAN BERNARDINO, CALIFORNIA

EL-CO CONTRACTORS, INC.  
1995 NOLAN STREET  
SAN BERNARDINO, CALIFORNIA

Contract 1264 is to furnish all labor, equipment, and materials required for the installation of a drain line, piping, and associated appurtenances for the Newmark Drinking Water Restoration Superfund Project, San Bernardino, California. All terms and conditions of Contract 1264 dated September 3, 1996 are to remain the same, except as follows:

Change Order No. 1 will extend the contract period by two additional days

Change Order No. 1 will raise or extend the connection point to three feet below grade at the 226 West 11th Street site and requires the following additional material and fittings:

Five 16" Mega lugs for DIP fittings  
Two 16" 45-degree DI bends (MJ)  
16" DIP as needed

Original Contract Completion Date  
Revised Contract Completion Date

November 2, 1996  
November 4, 1996

Original Contract Amount	\$117,793.50
Net Change by Previous Change Orders	\$ 0.00
Contract Amount Prior to this Change Order	\$117,793.50
Net Increase due to this Change Order	\$ 5,500.00
Net Contract Amount, Including this Change Order	\$123,293.50

CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT

EL-CO CONTRACTORS, INC.

By:

Bernard C. Kersey  
General Manager

By:

John Wiles  
Secretary/General Manager

(SEAL)

(SEAL)

# CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

## BOARD OF WATER COMMISSIONERS

HAROLD W. WILLIS  
President

Commissioners  
B. WARREN COCKE  
ALTON L. GARRETT, JR.  
MARTIN A. MATICH  
JAMES H. URATA



JUL 31 1998

BERNARD C. KERSEY  
General Manager

STACEY R. ALDSTADT  
Deputy General Manager

JOSEPH F. STEJSKAL  
Director: Engineering  
Construction-Maintenance

JOHN A. PERRY, P.E.  
Director: Water Reclamation

MARJORIE A. HOVERLAND  
Director of Administrative Services

JON K. TURNIPSEED  
Safety Program Manager

July 30, 1998

Mr. John Wiles  
El-Co Contractors, Inc.  
1995 Nolan Street  
San Bernardino, CA 92407

Reference: CHANGE ORDER NO. 1 TO CONTRACT NO. 1292

Dear Mr. Wiles:

Enclosed are two fully executed copies of Change Order No. 1 to Contract No. 1292. Please forward one copy to your bonding company and retain the second copy for your files.

Sincerely,

Stacey R. Aldstadt  
Deputy General Manager

als  
Enclosures

cc: Joe Stejskal  
Tom Valdez  
Neil Thomsen  
James Dye  
Kim Hoang, EPA  
Dwayne Deutscher

**CONTRACT NO. 1292**  
**(Construction Order 8272)**

**CHANGE ORDER NO. 1**

---

**OWNER:** San Bernardino Municipal Water Department

**CONTRACTOR:** EL-CO Contractors Inc.

**PROJECT:** Installation of 1360 Linear Feet of 12" and 16" Ductile Iron Pipeline and Associated Appurtenances

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You are hereby requested to make the following described changes and/or additions to the project Plans and Specifications.

<b>Item No.</b>	<b>Description of Changes and/or Additions</b>	<b>Increase in Contract Price (Change in Contract Time)</b>	<b>Decrease in Contract Price (Change in Contract Time)</b>
1.	500' square feet of concrete underlay		\$ 750.00 (0 Days)
2.	100 cubic yards of imported Class II base		3,000.00 (0 Days)
3.	20 linear feet of unstable soil		600.00 (0 Days)
4.	4" PVC pipeline		7,000.00 (0 Days)
5.	16" ductile iron pipe offset	\$ 3,602.47 (0 Days)	
6.	Concrete cap and extra Air-Vac	2,046.03 (0 Days)	
<b>INCREASE/DECREASE TOTALS</b>		<b>\$11,350.00</b>	<b>\$5,648.50</b>

Original Contract Amount:	\$ 136,852.00
Net Change by Previous Change Orders:	0.00
Contract Amount Completed This Change Order:	136,852.00
Net Decrease Due to this Change Order:	<u>(5,701.50)</u>
<b>Net Contract Amount, Including this Change Order :</b>	<b><u>\$ 131,150.50</u></b>

Any and all time extensions required as the result of the work referenced have been included in this change order. The work required by this Change Order can be completed within the time allotted for in the original Contract, plus the extensions granted by this Change Order.

The amounts indicated above shall be compensation in full for the work described, including all direct and indirect, incidental or consequential costs or expenses, including, but not limited to, extended overhead and other impact costs, that have been or will be incurred by the Contractor.

ACCEPTED BY:

  
EL-CO Contractors, Inc.

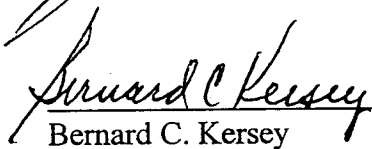
DATE: 7-27-98

RECOMMENDED BY:

  
SBMWD Engineering

DATE: 7/16/98

APPROVED BY:

  
Bernard C. Kersey  
General Manager, SBMWD

DATE: 7-27-98

**CHANGE ORDER NO. 1  
ITEM NO. 1 BREAKDOWN**

**Title:** Concrete Underlay Removal.

**Description:** Removal of 500 square feet of concrete underlayment included in the base bid but not encountered in the field.

**Reason:** As provided for in the specification, there is often concrete pavement placed under asphalt pavement. Since this job did not encounter any, the full quantity in the base bid is deducted.

**Prior Approval:** Not required

**Contractor's  
Proposed Cost:** \$750.00

**Negotiated  
Total Cost:** Bid not negotiated

**Time Extension:** None

**CHANGE ORDER NO. 1  
ITEM NO. 2 BREAKDOWN**

**Title:** Imported Class II Base

**Description:** One hundred cubic yards of imported Class II base included in the base bid but not required during construction.

**Reason:** Most pipeline jobs have sections where the soil contains too much silt and/or clay to compact without a great deal mechanical effort. In these cases, it is more cost-effective to import Class II base than to try compaction native soil. The contract base bid had 100 cubic yards of Class II impacted base as an add or deduct item. No Class II was required for import during the construction. Therefore, the full base bid quantity and cost should be deducted from the final contract.

**Prior Approval:** None required.

**Contractor's  
Proposed Cost:** \$3,000.00

**Negotiated  
Total Cost:** Bid not negotiated

**Time Extension:** None

**CHANGE ORDER NO. 1  
ITEM NO. 3 BREAKDOWN**

**Title:** Unstable Soil.

**Description:** 20 linear feet of unstable soil deducted from the base bid.

**Reason:** As provided for the specification, there is often unstable soil encountered during pipeline construction. The base bid included 20 linear feet of unstable soil, together with a unit price. Since no unstable soil was encountered during construction, the full base bid quantity is deducted from the contract.

**Prior Approval:** No approval required

**Contractor's  
Proposed Cost:** \$600.00

**Negotiated  
Total Cost:** Base Bid

**Time Extension:** None



**CHANGE ORDER NO. 1  
ITEM NO. 4 BREAKDOWN**

**Title:** 4" PVC Pipeline.

**Description:** A 4" PVC drain line was included in the base bid but was not constructed.

**Reason:** A 4" PVC drain line was included in the base bid . This line was never constructed at the request of the owner. The 4" PVC is a deduct from the contract price.

**Prior Approval:** Owner initiated change in scope.

**Contractor's  
Proposed Cost:** \$7,000.00

**Negotiated  
Total Cost:** Contractor's cost acceptable to Engineering.

**Time Extension:** None

El-Co Contractors, Inc.  
1995 Nolan Street, San Bernardino, CA 92407  
909-887-2610

Re: Newmark Drinking Water Restoration Superfund Project, North Plant San Bernardino  
Contract Number 1292

Breakdown for: 4" PVC Waterline - Labor only - District furnished materials per owner supplied list

1 550'	4" C-900 PVC	6.00	3,300.00
2 8ea.	4" 90 Bends	50.00	400.00
3 4ea.	4" 45 Bends	50.00	200.00
4 1ea.	Manhole Connection	1,200.00	1,200.00
5 1ea.	Catch Basin	1,900.00	1,900.00

7,000.00

OWNER SUPPLIED

Items # 1,2,3

- 1ea. Foreman
- 1ea. Operator
- 2ea. Laborer
- 1ea. Backhoe
- 2ea. Service Truck
- 1ea. Hydrohammer

Total per Hour 243.75 per hr.  
16hrs. x 243.75 = 3,900.00

Items # 4,5

- 1ea. Foreman
- 1ea. Operator
- 2ea. Laborer
- 1ea. Backhoe
- 2ea. Service Truck

Total per Hour 200.00 per hr.  
12hrs. x 200.00 = 2,400.00

Materials 700.00

**GRAND TOTAL 7,000.00**

Submitted:  
John Wiles, Sec/Gen Mgr.

**CHANGE ORDER NO. 1  
ITEM NO. 5 BREAKDOWN**

**Title:** 16" Ductile Iron Pipe Offset

**Description:** This change allowed rerouting of 16 " pipe and offset it vertically to avoid an existing line and was backfilled with sand in 1 foot lifts per inspectors.

**Reason:** The offset was constructed at the request of Engineering to avoid a conflict with an existing water line.

**Prior Approval:** A verbal estimate of under \$3,500.00 was give at the job site prior to start of work. Actual cost of the additional work was documented and billed in the attached invoice.

**Contractor's  
Proposed Cost:** \$3,602.47

**Negotiated  
Total Cost:** \$3,602.47

**Time Extension:** None

EL-CO CONTRACTORS, INC.

1995 NOLAN STREET  
SAN BERNARDINO, CA 92405

PHONE: 909-887-2610

Ticket # Addition #1=1

Owner City of San Bernardino

Location Western Ave + 48th St.

phone

May 15, 1998

[illegible][illegible]

	QUANTITY	MATERIAL DESCRIPTION		
1	50T.	Washed Sand	12.00	600.00
2	10ea.	Sack Concrete	3.00	30.00
3				
4				
5				
6				
7				
8				
9				
10				
			SUB-TOTAL	3132.58

REMARKS:

REMARKS:  
20" Pipe was in the way - had to 45° up  
and backfill with sand in 1' lifts  
per inspectors

SUB-TOTAL

3,132.58

15% OVERHEAD &amp; PROFIT

$$\sqrt{69.89}$$

TOTAL

3,602.47

**BID PROPOSAL**  
**Specification No. 1292**

TO: ATTENTION: THOMAS A. VALDEZ  
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT  
195 NORTH "D" STREET, SAN BERNARDINO, CA 92402

FOR: FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR THE INSTALLATION OF  
1360 LINEAR FEET OF 12" AND 16" DUCTILE IRON PIPELINE AND ASSOCIATED APPURTENANCES FOR THE NEWMARK DRINKING WATER RESTORATION SUPERFUND SITE, NORTH PLANT, SAN BERNARDINO, CALIFORNIA

THE UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

**PROPOSAL IRREVOCABLE FOR SIXTY DAYS** - Proposals delivered to the Owner at the time set for opening of bids shall be irrevocable, and may not be withdrawn for a period of sixty (60) days after the date set for the opening of bids.

**SCHEDULE OF PRICES** - All prices quoted shall include all applicable sales taxes, State and/or Federal, and any other special taxes, and full insurance paid by the Bidder to complete the Contract as specified in these specifications.

All prices must be filled in.

1. SIGNATURE OF BIDDER: \_\_\_\_\_
2. PRINT OR TYPE NAME OF BIDDER: \_\_\_\_\_
3. COMPANY NAME: \_\_\_\_\_
4. In addition to the design, the lump sum base bid shall include removal of 500 square feet of concrete underlay, 20 linear feet of unstable soil, and 100 cubic yards of imported Class II Base and no sewer laterals.

**LUMP SUM BID (BASE BID)** - Furnish all labor, equipment, and materials required for the installation of 1360 linear feet of 12" and 16 ductile iron pipeline and associated appurtenances (except that the Owner shall supply those materials listed in sections of these Specifications) in accordance with the Specifications for the Lump Sum Price of:

\$ \_\_\_\_\_  
WRITTEN IN FIGURES

\_\_\_\_\_  
WRITTEN IN WORDS

**CHANGE ORDER NO. 1  
ITEM NO. 6 BREAKDOWN**

**Title:** Concrete Cap and Extra Air-Vac.

**Description:** Placing concrete cap and an extra air-vac valve at the local high point in the pipeline.

**Reason:** This change was requested by city inspectors to protect the water main from damage by vehicles.

**Prior Approval:** A verbal estimate of under \$3,000.00 was given at the job site prior to start of work. Actual cost of the additional work was documented and billed in the attached invoice.

**Contractor's  
Proposed Cost:** \$2,046.03

**Negotiated  
Total Cost:** \$2,046.03

**Time Extension:** None

PHONE: 909-887-2610

Ticket # Addition #2  
Owner City of San Bernardino  
Location Western Ave + 48th St.  
Phone \_\_\_\_\_

City of San Bernardino

Western Ave + 48th St.

Phone

QUANTITY	MATERIAL DESCRIPTION		
1 yd.	Concrete.	60.00	60.00
4 yds.	Red- Concrete	120.00	480.00
Lump Sum -	Extra Air-vac		1,000.00
	SUB TOTAL		1779.16

REMARKS:

- REMARKS:
1. Concrete encase Edison - Red
  2. Concrete cap over 16" waterline 48th St.
  3. Extra Air-vac installed per City

	SUB-TOTAL	1,779.16
15%	OVERHEAD & PROFIT	266.87
	TOTAL	2,046.03

**BID PROPOSAL**  
**Specification No. 1292**

TO: ATTENTION: THOMAS A. VALDEZ  
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT  
195 NORTH "D" STREET, SAN BERNARDINO, CA 92402

FOR: FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR THE INSTALLATION OF  
1360 LINEAR FEET OF 12" AND 16" DUCTILE IRON PIPELINE AND ASSOCIATED APPURTENANCES FOR THE NEWMARK DRINKING WATER RESTORATION SUPERFUND SITE, NORTH PLANT, SAN BERNARDINO, CALIFORNIA

THE UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

**PROPOSAL IRREVOCABLE FOR SIXTY DAYS** - Proposals delivered to the Owner at the time set for opening of bids shall be irrevocable, and may not be withdrawn for a period of sixty (60) days after the date set for the opening of bids.

**SCHEDULE OF PRICES** - All prices quoted shall include all applicable sales taxes, State and/or Federal, and any other special taxes, and full insurance paid by the Bidder to complete the Contract as specified in these specifications.

All prices must be filled in.

1. SIGNATURE OF BIDDER: \_\_\_\_\_

2. PRINT OR TYPE NAME OF BIDDER: \_\_\_\_\_

3. COMPANY NAME: \_\_\_\_\_

4. In addition to the design, the lump sum base bid shall include removal of 500 square feet of concrete underlay, 20 linear feet of unstable soil, and 100 cubic yards of imported Class II Base and no sewer laterals.

**LUMP SUM BID (BASE BID)** - Furnish all labor, equipment, and materials required for the installation of 1360 linear feet of 12" and 16" ductile iron pipeline and associated appurtenances (except that the Owner shall supply those materials listed in sections of these Specifications) in accordance with the Specifications for the Lump Sum Price of:

\$ \_\_\_\_\_  
WRITTEN IN FIGURES

\_\_\_\_\_  
WRITTEN IN WORDS



# CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

BOARD OF WATER COMMISSIONERS

HAROLD W. WILLIS  
President

Commissioners  
B. WARREN COCKE  
ALTON L. GARRETT, JR.  
JUDY L. REDEKER  
JAMES H. URATA



BERNARD C. KERSEY  
General Manager

STACEY R. ALDSTADT  
Deputy General Manager

JOSEPH F. STEJSKAL  
Director: Engineering  
Construction-Maintenance

JOHN A. PERRY, P.E.  
Director: Water Reclamation

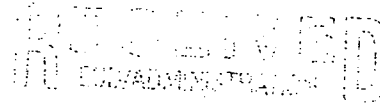
PAUL E. HARMON  
Director of Finance

MARJORIE A. HOVERLAND  
Director of Administrative Services

JON K. TURNIPSEED  
Safety Program Manager

July 23, 1998

John Wiles  
El-Co Contractors, Inc.  
1995 Nolan Street  
San Bernardino, CA 92407



JUL 27 1998

RECEIVED  
JUL 27 1998  
MUNICIPAL WATER DEPT.

Re: Contract No. 1292

Dear Mr. Wiles:

Enclosed, please find three copies of Change Order No. 1 to the above-referenced contract. This change order implements the additions and deductions contained in your Invoice No. 2, for work from 5-21-98 to 6-4-98. Please sign all three copies and return them to us as soon as possible, to permit proper processing of your invoice. We will then return two fully executed copies to you when everyone has signed off.

If you have any questions regarding the above, please do not hesitate to contact me.

Very truly yours,

Stacey R. Aldstadt  
Deputy General Manager

enclosures

cc: Bernard C. Kersey  
James Dye

**CONTRACT NO. 1292**  
**(Construction Order 8272)**

**CHANGE ORDER NO. 1**

---

OWNER: San Bernardino Municipal Water Department

CONTRACTOR: EL-CO Contractors Inc.

PROJECT: Installation of 1360 Linear Feet of 12" and 16" Ductile Iron Pipeline and Associated Appurtenances

---

You are hereby requested to make the following described changes and/or additions to the project Plans and Specifications.

Item No.	Description of Changes and/or Additions	Increase in Contract Price (Change in Contract Time)	Decrease in Contract Price (Change in Contract Time)
1.	500' square feet of concrete underlay		\$ 750.00 (0 Days)
2.	100 cubic yards of imported Class II base		3,000.00 (0 Days)
3.	20 linear feet of unstable soil		600.00 (0 Days)
4.	4" PVC pipeline		7,000.00 (0 Days)
5.	16" ductile iron pipe offset	\$ 3,602.47 (0 Days)	
6.	Concrete cap and extra Air-Vac	2,046.03 (0 Days)	
<b>INCREASE/DECREASE TOTALS</b>		<b>\$11,350.00</b>	<b>\$5,648.50</b>

Original Contract Amount:	\$ 136,852.00
Net Change by Previous Change Orders:	0.00
Contract Amount Completed This Change Order:	136,852.00
Net Decrease Due to this Change Order:	<u>(5,701.50)</u>
<b>Net Contract Amount, Including this Change Order :</b>	<b><u>\$ 131,150.50</u></b>

Any and all time extensions required as the result of the work referenced have been included in this change order. The work required by this Change Order can be completed within the time allotted for in the original Contract, plus the extensions granted by this Change Order.


The amounts indicated above shall be compensation in full for the work described, including all direct and indirect, incidental or consequential costs or expenses, including, but not limited to, extended overhead and other impact costs, that have been or will be incurred by the Contractor.

ACCEPTED BY:

\_\_\_\_\_  
EL-CO Contractors, Inc.

DATE: \_\_\_\_\_

RECOMMENDED BY:

  
\_\_\_\_\_  
SBMWD Engineering

DATE: 7/16/98

APPROVED BY:

\_\_\_\_\_  
Bernard C. Kersey  
General Manager, SBMWD

DATE: \_\_\_\_\_

**CHANGE ORDER NO. 1**  
**ITEM NO. 1 BREAKDOWN**

**Title:** Concrete Underlay Removal.

**Description:** Removal of 500 square feet of concrete underlayment included in the base bid but not encountered in the field.

**Reason:** As provided for in the specification, there is often concrete pavement placed under asphalt pavement. Since this job did not encounter any, the full quantity in the base bid is deducted.

**Prior Approval:** Not required

**Contractor's  
Proposed Cost:** \$750.00

**Negotiated  
Total Cost:** Bid not negotiated

**Time Extension:** None

**CHANGE ORDER NO. 1  
ITEM NO. 2 BREAKDOWN**

**Title:** Imported Class II Base

**Description:** One hundred cubic yards of imported Class II base included in the base bid but not required during construction.

**Reason:** Most pipeline jobs have sections where the soil contains too much silt and/or clay to compact without a great deal mechanical effort. In these cases, it is more cost-effective to import Class II base than to try compaction native soil. The contract base bid had 100 cubic yards of Class II impacted base as an add or deduct item. No Class II was required for import during the construction. Therefore, the full base bid quantity and cost should be deducted from the final contract.

**Prior Approval:** None required.

**Contractor's  
Proposed Cost:** \$3,000.00

**Negotiated  
Total Cost:** Bid not negotiated

**Time Extension:** None

**CHANGE ORDER NO. 1  
ITEM NO. 3 BREAKDOWN**

**Title:** Unstable Soil.

**Description:** 20 linear feet of unstable soil deducted from the base bid.

**Reason:** As provided for the specification, there is often unstable soil encountered during pipeline construction. The base bid included 20 linear feet of unstable soil, together with a unit price. Since no unstable soil was encountered during construction, the full base bid quantity is deducted from the contract.

**Prior Approval:** No approval required

**Contractor's  
Proposed Cost:** \$600.00

**Negotiated  
Total Cost:** Base Bid

**Time Extension:** None

**CHANGE ORDER NO. 1  
ITEM NO. 4 BREAKDOWN**

**Title:** 4" PVC Pipeline.

**Description:** A 4" PVC drain line was included in the base bid but was not constructed.

**Reason:** A 4" PVC drain line was included in the base bid . This line was never constructed at the request of the owner. The 4" PVC is a deduct from the contract price.

**Prior Approval:** Owner initiated change in scope.

**Contractor's  
Proposed Cost:** \$7,000.00

**Negotiated  
Total Cost:** Contractor's cost acceptable to Engineering.

**Time Extension:** None

El-Co Contractors, Inc.

1995 Nolan Street, San Bernardino, CA 92407

909-887-2610

Re: Newmark Drinking Water Restoration Superfund Project, North Plant San Bernardino  
 Contract Number 1292

Breakdown for: 4" PVC Waterline - Labor only - District furnished materials per owner supplied list

1 550'	4" C-900 PVC	6.00	3,300.00
2 8ea.	4" 90 Bends	50.00	400.00
3 4ea.	4" 45 Bends	50.00	200.00
4 1ea.	Manhole Connection	1,200.00	1,200.00
5 1ea.	Catch Basin	1,900.00	1,900.00

7,000.00

OWNER SUPPLIED

Items # 1,2,3

1ea.	Foreman
1ea.	Operator
2ea.	Laborer
1ea.	Backhoe
2ea.	Service Truck
1ea.	Hydrohammer

Total per Hour 243.75 per hr.  
 16hrs. x 243.75 = 3,900.00

Items # 4,5

1ea.	Foreman
1ea.	Operator
2ea.	Laborer
1ea.	Backhoe
2ea.	Service Truck

Total per Hour 200.00 per hr.  
 12hrs. x 200.00 = 2,400.00

Materials 700.00

**GRAND TOTAL 7,000.00**

Submitted:  
 John Wiles, Sec/Gen. Mgr.



**CHANGE ORDER NO. 1  
ITEM NO. 5 BREAKDOWN**

**Title:** 16" Ductile Iron Pipe Offset

**Description:** This change allowed rerouting of 16 " pipe and offset it vertically to avoid an existing line and was backfilled with sand in 1 foot lifts per inspectors.

**Reason:** The offset was constructed at the request of Engineering to avoid a conflict with an existing water line.

**Prior Approval:** A verbal estimate of under \$3,500.00 was give at the job site prior to start of work. Actual cost of the additional work was documented and billed in the attached invoice.

**Contractor's  
Proposed Cost:** \$3,602.47

**Negotiated  
Total Cost:** \$3,602.47

**Time Extension:** None

1995 NOLAN STREET  
SAN BERNARDINO, CA 92405

May 15, 1998

Owner City of San Bernardino

Location Western Ave + 48th St.

done

[illegible]

REMARKS:  
20" Pipe was in the way - had to 45° up  
and backfill with sand in 1' lifts  
per inspectors

3,132.58

$$\overline{)469.89}$$

3,602.47

**BID PROPOSAL**  
**Specification No. 1292**

TO: ATTENTION: THOMAS A. VALDEZ  
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT  
195 NORTH "D" STREET, SAN BERNARDINO, CA 92402

FOR: FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR THE INSTALLATION OF  
1360 LINEAR FEET OF 12" AND 16" DUCTILE IRON PIPELINE AND ASSOCIATED APPURTENANCES FOR THE NEWMARK DRINKING WATER RESTORATION SUPERFUND SITE, NORTH PLANT, SAN BERNARDINO, CALIFORNIA

THE UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

**PROPOSAL IRREVOCABLE FOR SIXTY DAYS** - Proposals delivered to the Owner at the time set for opening of bids shall be irrevocable, and may not be withdrawn for a period of sixty (60) days after the date set for the opening of bids.

**SCHEDULE OF PRICES** - All prices quoted shall include all applicable sales taxes, State and/or Federal, and any other special taxes, and full insurance paid by the Bidder to complete the Contract as specified in these specifications.

All prices must be filled in.

1. SIGNATURE OF BIDDER: \_\_\_\_\_

2. PRINT OR TYPE NAME OF BIDDER: \_\_\_\_\_

3. COMPANY NAME: \_\_\_\_\_

4. In addition to the design, the lump sum base bid shall include removal of 500 square feet of concrete underlay, 20 linear feet of unstable soil, and 100 cubic yards of imported Class II Base and no sewer laterals.

**LUMP SUM BID (BASE BID)** - Furnish all labor, equipment, and materials required for the installation of 1360 linear feet of 12" and 16 ductile iron pipeline and associated appurtenances (except that the Owner shall supply those materials listed in sections of these Specifications) in accordance with the Specifications for the Lump Sum Price of:

\$ \_\_\_\_\_  
WRITTEN IN FIGURES

\_\_\_\_\_  
WRITTEN IN WORDS

**CHANGE ORDER NO. 1  
ITEM NO. 6 BREAKDOWN**

**Title:** Concrete Cap and Extra Air-Vac.

**Description:** Placing concrete cap and an extra air-vac valve at the local high point in the pipeline.

**Reason:** This change was requested by city inspectors to protect the water main from damage by vehicles.

**Prior Approval:** A verbal estimate of under \$3,000.00 was given at the job site prior to start of work. Actual cost of the additional work was documented and billed in the attached invoice.

**Contractor's  
Proposed Cost:** \$2,046.03

**Negotiated  
Total Cost:** \$2,046.03

**Time Extension:** None

EL-CO CONTRACTORS, INC.

1995 NOLAN STREET  
SAN BERNARDINO, CA 92405

PHONE: 909-887-2610

Ticket #

## Addition #2

Owner

City of San Bernardino

### Location

Western Ave + 48th St.

Phone

[illegible][illegible]

QUANTITY	MATERIAL DESCRIPTION		
1 yd.	Concrete.	60.00	60.00
4 yds.	Red- Concrete	120.00	480.00
Lump Sum - Extra Air-vac			1,000.00
		SUB-TOTAL	1,779.16

## REMARKS:

- REMARKS:
1. Concrete encase Edison - Red
  2. Concrete cap over 16" waterline 48th St.
  3. Extra Air-vac installed per City

SUB-TOTAL	1,779.16
15% OVERHEAD & PROFIT	266.87
TOTAL	2,046.03

**BID PROPOSAL**  
**Specification No. 1292**

TO: ATTENTION: THOMAS A. VALDEZ  
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT  
195 NORTH "D" STREET, SAN BERNARDINO, CA 92402

FOR: FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR THE INSTALLATION OF  
1360 LINEAR FEET OF 12" AND 16" DUCTILE IRON PIPELINE AND ASSOCIATED APPURTENANCES FOR THE NEWMARK DRINKING WATER RESTORATION SUPERFUND SITE, NORTH PLANT, SAN BERNARDINO, CALIFORNIA

THE UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

**PROPOSAL IRREVOCABLE FOR SIXTY DAYS** - Proposals delivered to the Owner at the time set for opening of bids shall be irrevocable, and may not be withdrawn for a period of sixty (60) days after the date set for the opening of bids.

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All prices must be filled in.

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2. PRINT OR TYPE NAME OF BIDDER: \_\_\_\_\_

3. COMPANY NAME: \_\_\_\_\_

4. In addition to the design, the lump sum base bid shall include removal of 500 square feet of concrete underlay, 20 linear feet of unstable soil, and 100 cubic yards of imported class 1 Base and no sewer laterals.

**LUMP SUM BID (BASE BID)** - Furnish all labor, equipment, and materials required for the installation of 1360 linear feet of 12" and 16 ductile iron pipeline and associated appurtenances (except that the Owner shall supply those materials listed in sections of these Specifications) in accordance with the Specifications for the Lump Sum Price of:

\$ \_\_\_\_\_  
WRITTEN IN FIGURES

\_\_\_\_\_  
WRITTEN IN WORDS

CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT  
INTEROFFICE MEMORANDUM

RECEIVED  
EOD/ADMINISTRATION

JUL 23 1998

CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT

TO: Bernard C. Kersey, General Manager

FROM: Stacey R. Aldstadt, Deputy General Manager

SUBJECT: Specification 1292: Recommendation for Payment of Invoice and Change Order No. 1 to Contract

DATE: July 22, 1998

COPIES: Joseph Stejskal, James Dye, Contract File

---

Attached, please find Invoice No. 2, for Contract No. 1292, the installation of 1360 Linear Feet of 12" and 16" Ductile Iron Pipeline (6th Street Project) for the Newmark Drinking Water Restoration Superfund Site.

This is a recommendation for payment of this invoice, in the amount of \$56,452.05.

The original contract amount for Contract No. 1292 was \$136,852.00, to be paid in two equal installments of fifty percent each, upon submittal by the contractor. On or about July 2, 1998, El-Co was paid for fifty percent of the contract, less ten percent retention, or a total of \$61,583.40 (\$68,426.00 minus \$6,842.60). This payment was delayed during the approval process because El-Co submitted their original invoice with change order amounts included. Engineering had El-Co re-submit a new invoice showing only the 50% payment due, less retention.


The invoice before you reflects a request for payment of the other fifty percent of the contract price, with provisions for additions and deductions to which they have agreed, as reflected in the invoice.

With the additions and deductions, the amount of \$68,426.00 (50% of the contract amount) is reduced by deductions of \$11,350.00 and then increased by \$5,648.50, for a net deduction from the total contract price of \$5,701.50. Therefore, the invoice correctly tracks the agreed-on adds and deducts.

Also attached is Change Order No. 1 to Contract No. 1292, reflecting the additions and deductions as set forth above. It appears that El-Co has approved those additions and deductions. I am enclosing the change order to satisfy you that the invoice

is to be paid in the amount billed. However, I will send the change order to El-Co for their signature before requesting your signature, if the change order meets your satisfaction.

If you have any questions, please do not hesitate to contact me.

  
\_\_\_\_\_  
Stacey R. Aldstadt  
Deputy General Manager



RECEIVED  
CITY OF SAN BERNARDINO  
ADMINISTRATIVE DEPT.

JUN 10 1998

STATEMENT

EL-CO CONTRACTORS, INC.

1995 NOLAN STREET

SAN BERNARDINO MUNICIPAL 92407R DEPT.

PHONE: (909) 887-2610

FAX: (909) 880-9091

RECEIVED  
JUN 14 1998

TO: San Bernardino Water Dept.  
195 N. "D" Street  
San Bernardino, CA 92401  
Atten: Accts. Payable

DATE: June 4, 1998

RECEIVED  
JUN 8 1998  
SBMWD  
DEPUTY GENERAL MANAGER

Terms:

Billing #2 for Spec. No. 1292		
Contract Complete - see attached		
Work Complete as Billed - OK to Pay J. Kim Wb		
<i>for Stacey</i>		4/23/98
TOTAL AMOUNT DUE THIS BILLING #2	\$ 56,452	05

7-16-98 Sent to Stacey  
with Oak  
When Stacey finalizes best  
copy in C.D. file.

Invoice #1

5-21-98 to 6-4-98

Project: Specification No. 1292

Installation of 1360 Linear Feet of 12" and 16" Ductile Iron Pipeline and Associated Appurtenances for the Newmark Drinking Water Restoration Superfund Site, North Plant, San Bernardino, CA

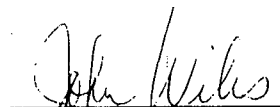
Contractor: El-Co Contractors, Inc.

1995 Nolan Street, San Bernardino, CA 92407  
909-887-2610 Fax: 909-880-9091

Owner: San Bernardino Water Dept.

196 N. "D" Street, San Bernardino, CA 92401

<u>Total Base Bid</u>	<u>Total Work Completed</u>	<u>Add/Deduct</u>
136,852.00	68,426.00	Item #1 - Concrete paving removal 500 SF X 1.50 = 750.00 Item #2 - Sewer Laterials 0 Item #3 - Import cl.II Base 100 CY X 30.00 = 3,000.00 Item #4 - Unstable Soil 20LF X 30.00 = 600.00 Item #5 - 4" PVC Pipeline LumpSum = 7,000.00 Addition #1 - to go around 20" pipe in the way (see attached) Lump Sum = 3,602.47 Additon #2 - Concrete Cap and extra Air-vac (see attached) Lump Sum = 2,046.03
TOTALS 136,852.00	68,426.00	Deduct -11,350.00 Additions 5,648.50
	Billing #2 68,426.00	
	Add/Deduct -11,350.00	
		5,648.50
	Total Amount Earned 62,724.50	
	Retention (10%) 6,272.45	
	Billing #1 - 61,583.40 (Not Yet Received Payment)	
	Balance Due Under Billing #2 56,452.05	

  
El-Co Contractors, Inc.

San Bernardino Water Dept.

RELEASE FORM 1

CONDITIONAL WAIVER AND RELEASE  
UPON PROGRESS PAYMENT  
(Civil Code §3262(d)(1))

Upon receipt by the undersigned of a check from  
The City of San Bernardino Municipal Water Dept.

(Maker of Check)

in the sum of \$ 56,452.05  
(Amount of Check)

payable to El-Co Contractors, Inc.  
(Payee or Payees of Check)

and when the check has been properly endorsed and has been paid by the bank upon which  
it is drawn, this document shall become effective to release pro tanto any mechanic's lien,  
stop notice or bond right the undersigned has on the job of

The City of San Bernardino Municipal Water Dept.

(Owner)

cated at Spec. No. 1292 - Western Ave.  
(Job Description)

to the following extent:

This release covers a progress payment for labor, services, equipment,  
or material furnished to The City of San Bernardino Muni. Water Dept.  
(Your Customer)

through June 4, 1998  
only and does not cover any retention or items furnished after said date.

Before any recipient of this document relies on it, said party should verify evidence of pay-  
ment to the undersigned.

Dated: June 4, 1998 El-Co Contractors, Inc.  
(Company Name)

By: Sandra Carris  
sec. (Title)

NOTE: This form complies with the requirements of Civil Code §3262(d)(1). It is to be used  
by a party who applies for a progress payment when the progress payment check has not yet  
cleared the bank. This release only becomes effective when the check, properly endorsed,  
has cleared the bank.

EL-CO CONTRACTORS, INC.

1995 NOLAN STREET  
SAN BERNARDINO, CA 92405

PHONE: 909-887-2610

Ticket # Addition #1  
Owner City of San Bernardino  
Location Western Ave + 48th St.  
Phone \_\_\_\_\_

May 15, 1998

NAME	CLASS	S	M	T	W	T	F	S	HRS.	RATE	AMOUNT
T. Kirtley									8	34.94	279.52
J. Minar									8	34.94	279.52
D. Wagoner									8	27.72	221.76
A. Ramirez									8	26.67	213.36
											994.16
											268.42
											1,262.58

Plus 27%  
Labor Surcharge:

EQUIPMENT	KIND	S	M	T	W	T	F	S	HRS.	RATE	AMOUNT
410C John Deere Backhoe									8	30.00	240.00
John Deere Loader									8	50.00	400.00
Service Trucks (2ea)									16	10.00	160.00
Wacker									8	10.00	80.00
Water Truck									8	25.00	200.00
Generator									8	10.00	80.00
Impact									8	10.00	80.00

QUANTITY	MATERIAL DESCRIPTION		
50T.	Washed Sand	12.00	600.00
10ea.	Sack Concrete	3.00	30.00

REMARKS:

20" Pipe was in the way - had to 450 up  
and backfill with sand in 1' lifts  
per inspectors

SUB-TOTAL	3,132.58
15% OVERHEAD & PROFIT	469.89
TOTAL	3,602.47

**EL-CO CONTRACTORS, INC.**  
1995 NOLAN STREET  
SAN BERNARDINO, CA 92405  
PHONE: 909-887-2610

1995 NOLAN STREET  
SAN BERNARDINO, CA 92405  
PHONE: 909-887-2610

Ticket # Addition #2  
 Owner City of San Bernardino  
 Location Western Ave + 48th St.  
 Phone \_\_\_\_\_

[illegible][illegible][illegible]

## REMARKS:

- REMARKS:
1. Concrete encase Edison - Red
  2. Concrete cap over 16" waterline 48th St.
  3. Extra Air-vac installed per City

SUB-TOTAL	1,779.16
15% OVERHEAD & PROFIT	266.87
TOTAL	2,046.03

Invoice #1

5-21-98 to 6-4-98

Project: Specification No. 1292

Installation of 1360 Linear Feet of 12" and 16" Ductile Iron Pipeline and Associated Appurtenances for the Newmark Drinking  
Water Restoration Superfund Site, North Plant, San Bernardino, CA

Contractor: El-Co Contractors, Inc.

1995 Nolan Street, San Bernardino, CA 92407  
909-887-2610 Fax: 909-880-9091

Owner: San Bernardino Water Dept.

196 N. "D" Street, San Bernardino, CA 92401

Total Base Bid

Total Work Completed

Add/Deduct

136,852.00

68,426.00

Item #1 - Concrete paving removal

500 SF X 1.50 = 750.00

Item #2 - Sewer Laterals

0

Item #3 - Import cl.II Base

100 CY X 30.00 = 3,000.00

Item #4 - Unstable Soil

20LF X 30.00 = 600.00

Item #5 - 4" PVC Pipeline

LumpSum = 7,000.00

Addition #1 - to go around 20" pipe in the way (see attached)

Lump Sum = 3,602.47

Additon #2 - Concrete Cap and extra Air-vac (see attached)

Lump Sum = 2,046.03

TOTALS 136,852.00

68,426.00

Deduct -11,350.00

Additions 5,648.50

Billing #2

68,426.00

Add/Deduct

-11,350.00

5,648.50

Total Amount Earned

62,724.50

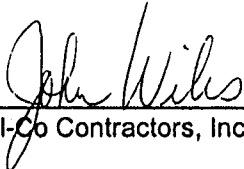
Retention (10%)

6,272.45

Billing #1 - 61,583.40 (Not Yet Received Payment)

Balance Due Under Billing #2

56,452.05

  
El-Co Contractors, Inc.

San Bernardino Water Dept.